

Amendments to the Claims

Please amend the claims as shown below in the complete listing of claims.

- [c1] (Original) A tool for removing a friction-fit or press-fit component from a seat, comprising:
a hand-held, pneumatically-driven hammer having a forward end for applying a repeating percussive force; and
a coupling for interconnecting-redirecting the percussive force at the forward end of the hammer and to the a component located rearwardly of the hammer;
wherein the repeating percussive force is applied to the component by urging the hammer in a forward direction which, in turn, provides a pulling force on the rearwardly-located component through the coupling, thereby urging the component from the seat.
- [c2] (Original) The tool of claim 1 wherein the hammer comprises a tool body comprising an anvil and enclosing a piston, and the piston strikes the anvil to apply the percussive force to the tool body.
- [c3] (Currently Amended) The tool of claim 1 wherein the hammer comprises a tool body and wherein the coupling interconnects the tool body and the component.
- [c4] (Original) The tool of claim 1 and further comprising a spring adapted to urge the piston away from the anvil after the application of the percussive force.
- [c5] (Currently Amended) The tool of claim 1 wherein the coupling comprises a tool holder, a coupling adapter, and a ~~rod~~ puller/pull rod, and the coupling adapter is adapted to transfer the percussive force from the tool holder to the ~~rod~~ puller/pull rod.

- [c6] (Currently Amended) The tool of claim 5 wherein the coupling adapter is adapted to enable the ~~rod-puller~~pull rod to translate relative to the tool holder.
- [c7] (Original) The tool of claim 1 wherein the coupling comprises a sleeve adapted to slidably communicate with an exterior surface of the hammer and fixedly retain the hammer therein.
- [c8] (Original) The tool of claim 1 and further comprising a pulling bit attached to the hammer and adapted to apply the percussive force to the component.
- [c9] (Original) The tool of claim 1 wherein the coupling is attached to a forward end of the hammer.
- [c10] (Original) The tool of claim 1 wherein the coupling is attached to a rearward end of the hammer.
- [c11] (Original) The tool of claim 1 and further comprising a cap having an anvil attached to the hammer for transmitting a percussive force applied to the anvil through the hammer to the component.
- [c12] (Currently Amended) An adapter for converting an air hammer with a reciprocating member into a tool for removing a friction-fit or press-fit component from a seat, comprising:
a pull rod adapted to be attached to the component; and
a hammer piece adapted to be operably mounted to the air hammer to receive a forwardly-directed percussive force from the air hammer and to redirect the received percussive force into a rearward direction to apply a percussive pulling force to the pull rod

~~extending rearwardly therefrom attached to the reciprocating member and adapted to percussively communicate with the pull rod;~~

wherein the reciprocating member imparts a reciprocating motion to the hammer piece so that a repeating percussive force is applied to the pull rod by the hammer piece thereby urging the component from the seat.

[c13] (Currently Amended) The adapter of claim 12 wherein the ~~coupling~~ pull rod interconnects the tool body and the component.

[c14] (Original) The adapter of claim 12 and further comprising a spring adapted to urge the piston away from the anvil after the application of the percussive force.

[c15] (Currently Amended) The adapter of claim 12 ~~wherein the~~ and further comprising a coupling comprises comprising a tool holder, and a coupling adapter, and a rod puller, and the coupling adapter is adapted to transfer the percussive force from the tool holder to the pull rod ~~rod puller~~.

[c16] (Currently Amended) The adapter of claim 15 wherein the coupling adapter is adapted to enable the pull rod ~~rod puller~~ to translate relative to the tool holder.

[c17] (Original) The adapter of claim 12 wherein the coupling comprises a sleeve adapted to slidably communicate with an exterior surface of the hammer and fixedly retain the hammer therein.

[c18] (Original) The adapter of claim 12 and further comprising a pulling bit attached to the hammer and adapted to apply the percussive force to the component.

Claims 19-22 cancelled herein without prejudice.

- [c23] (Currently Amended) A kit for converting an air hammer into a tool for removing a friction-fit or press-fit component from a seat, the air hammer comprising a body and a reciprocating member, the kit comprising:
a pull rod adapted to be attached to the component; and
a pulling member adapted to be operably interconnected with a forwardly-directed percussive force generated by the air hammer attached to the air hammer and adapted to percussively communicate with the pull rod interconnected with a component located rearwardly of the air hammer.
- [c24] (Original) The kit of claim 23 wherein the reciprocating member is operably interconnected with the component.
- [c25] (Original) The kit of claim 23 wherein the air hammer body is operably interconnected with the component.
- [c26] (Original) The kit of claim 23 and further comprising a coupling comprising a tool holder, and a coupling adapter, and the coupling adapter is adapted to transfer the percussive force from the tool holder to the pull rod.
- [c27] (Original) The kit of claim 26 wherein the coupling adapter is adapted to enable the pull rod to translate relative to the tool holder.
- [c28] (Original) The kit of claim 26 wherein the coupling comprises a sleeve adapted to slidably communicate with the body of the hammer and fixedly retain the hammer therein.

- [c29] (Original) The kit of claim 26 wherein the coupling is attached to a forward end of the hammer.
- [c30] (Original) The kit of claim 26 wherein the coupling is attached to a rearward end of the hammer.
- [c31] (Original) The kit of claim 23 and further comprising a cap having an anvil attached to the hammer for transmitting a percussive force applied to the anvil through the hammer body to the component.
- [c32] (Original) A hand-held, pneumatically-driven hammer, comprising:
a body having a mounting portion at a rear portion of the hammer, the mounting portion being adapted to fixedly couple a component thereto, the component being frictionally retained in a component seat;
whereby the hammer is thereby adapted to convert the hammer into a tool puller for removing the component from the component seat.
- [c33] (Original) The hammer of claim 32 wherein the mounting portion is coupled to the component through a pull rod.
- [c34] (Original) The hammer of claim 32 wherein the mounting portion comprises threads adapted for threadable connection with the component.
- [c35] (Original) The hammer of claim 32 wherein the mounting portion comprises a bayonet-type connection.
- [c36] (Original) The hammer of claim 32 wherein the mounting portion comprises a collar and at least one set screw.

- [c37] (New) A tool for removing a friction-fit or press-fit component from a seat, comprising:
a hand-held, pneumatically-driven hammer for applying a repeating percussive force; and
a coupling for interconnecting the hammer and the component, wherein the coupling is
attached to a rearward end of the hammer;
whereby the repeating percussive force is applied to the component thereby urging the
component from the seat.
- [c38] (New) A tool for removing a friction-fit or press-fit component from a seat, comprising:
a hand-held, pneumatically-driven hammer for applying a repeating percussive force;
a coupling for interconnecting the hammer and the component; and
a cap having an anvil attached to the hammer for transmitting a percussive force applied
to the anvil through the hammer to the component;
whereby the repeating percussive force is applied to the component thereby urging the
component from the seat.
- [c39] (New) A kit for converting an air hammer into a tool for removing a friction-fit or press-
fit component from a seat, the air hammer comprising a body and a reciprocating
member, the kit comprising:
a pull rod attached to the component; and
a pulling member attached to a rearward end of the air hammer and adapted to
percussively communicate with the pull rod.
- [c40] (New) A kit for converting an air hammer into a tool for removing a friction-fit or press-
fit component from a seat, the air hammer comprising a body and a reciprocating
member, the kit comprising:
a pull rod attached to the component;

a cap having an anvil attached to the hammer for transmitting a percussive force applied to the anvil through the hammer body to the component; and
a pulling member attached to the air hammer and adapted to percussively communicate with the pull rod.

- [c41] (New) An adapter configured for removing a friction-fit or press-fit component from a seat via interconnection with a hand-held, pneumatically-driven hammer having a forward end for applying a repeating percussive force, comprising:
a bit adapted to be mounted to the percussive-force generating forward end of the air hammer, wherein the bit has an offset sleeve mounted thereto; and
a pull rod adapted to be slidably mounted within the offset sleeve on the bit, the pull rod having a shoulder thereon forming a stop with respect to the sleeve, and the pull rod having a distal end adapted to be mounted to the component;
wherein, when the distal end of the pull rod is mounted to the component to be removed and the bit is mounted to the forward end of the air hammer, the repeating percussive force generated by the air hammer is applied to the shoulder on the pull rod through the offset sleeve, and, in turn, generates a percussive pulling force on the component, thereby urging the component from the seat.